

Amendments to the Specification

I. Please replace the paragraph beginning at page 7, line 11 with the following rewritten paragraph:

--Briefly stated the present invention comprises a mobile information apparatus including (A) a battery storage section including a rechargeable battery; (B) a power supply section for converting electric power provided by one of an external power supply and the rechargeable battery to direct current power, and charging the rechargeable battery with electric power provided by the external power supply; C) a schedule recording section for recording a user's schedule; (D) a charge-state optimization planning section for determining a plan for the optimization of the charge state of the rechargeable battery according to the schedule; and (E) a power-supply control section for establishing charge and discharge conditions based on the plan for the optimization, and, on the charge and discharge conditions, controlling the charge and discharge of the rechargeable battery by the power supply section.—

II. Please replace the paragraph beginning at page 13, line 16 with the following rewritten paragraph:

--Another aspect of the invention is a method for optimizing the charge state of a battery in a mobile information apparatus. The method includes the steps of: (A) recording a user's schedule; (B) determining a plan for the optimization of the charge state of a rechargeable battery in a battery storage section according to the schedule; (C) establishing charge and discharge conditions based on the plan for the optimization; and (D) controlling the charge and discharge of the rechargeable battery by a power supply section on the charge and discharge conditions. Here, "the charge state of the rechargeable battery," "the optimization plan" related, and "the charge and discharge conditions" are defined in a manner similar to the definition in the above explanation of the mobile information apparatus according to the present invention.—

III. Please replace the paragraph beginning at page 16, line 7 with the following rewritten paragraph:

--A further aspect of the invention is a battery management server which serves as a

server for providing a plan for an optimization of a charge state of a battery in a battery-powered electrical apparatus. The electrical apparatus includes:(a) a communications section for performing data communications with a network of the outside; (b) a battery storage section including a rechargeable battery; (c) a power supply section for converting electric power provided by one of an external power supply and the rechargeable battery to direct current power, and charging the rechargeable battery by the electric power provided by the external power supply; and (d) a power-supply control section for establishing charge and discharge conditions based on the plan for the optimization of the charge state of the rechargeable battery, and, on the charge and discharge conditions, controlling the charge and discharge of the rechargeable battery by the power supply section. The server includes: (A) a network interface for performing data communications with the network; (B) a schedule recording section for recording a user's schedule; (C) a device-list management section for monitoring a connection to the network by the battery-powered electrical apparatus, and creating and updating a list of the battery-powered electrical apparatuses connected to the network; and (D) a charge-state optimization planning section for determining the plan for the optimization about each of the battery-powered electrical apparatuses included in the list, and informing each of the battery-powered electrical apparatuses of the plan for the optimization. Here, "the charge state of the rechargeable battery," "the optimization plan" related, and "the charge and discharge conditions" are defined in a manner similar to the definition in the above explanation of the mobile information apparatus.—

IV. Please replace the paragraph beginning at page 2, line 20 with the following rewritten paragraph:

One additional aspect of the invention is a method for optimizing a charge state of a battery in a battery-powered electrical apparatus by a battery management server. The method includes the steps of: (A) recording a user's schedule; (B) monitoring a connection to a network by the battery-powered electrical apparatus; (C) creating and updating a list of the battery-powered electrical apparatuses connected to the network; (D) for each of the battery-powered electrical apparatuses included in the list, determining a plan for the optimization of the charge state of a rechargeable battery in a battery storage section by the battery management server

according to the schedule; (E) informing each of the battery-powered electrical apparatuses of the plan for the optimization by the battery management server through the network; (F) establishing charge and discharge conditions based on the plan for the optimization by each of the battery-powered electrical apparatuses; and (G) controlling the charge and discharge of the rechargeable battery by a power supply section on the charge and discharge conditions in each of the battery-powered electrical apparatuses. Here, "the charge state of the rechargeable battery," "the optimization plan" related, and "the charge and discharge conditions" are defined in a manner similar to the definition in the above explanation of the mobile information apparatus according to the present invention. Furthermore, "the network," "the battery-powered electrical apparatus," and "the battery management server" are similar to those in the above-mentioned battery management server according to the present invention.